

INEL-HRE-T070216

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DOCUMENT TO BE RELEASED

T070216

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3. Document Type:		
<input type="checkbox"/> Letter <input type="checkbox"/> Memorandum <input type="checkbox"/> Report <input type="checkbox"/> Publication <input checked="" type="checkbox"/> Other (Specify) Press Release: Subject: INFORMATION FOR PRESS AND RADIO: AEROSPACE REACTOR TESTED AT IDAHO		
a. If letter or memo: To: From: Subject:		
b. If report: Title:		
4. Document Date: for release September 17, 1965		c. If publication: Name: Volume: Issue:
5. Summary (2-3 lines indicating the major subject(s) of the document):  The US AEC announced that a SNAP-10A type reactor, scheduled for destructive testing, was successfully tested in the IET facility at the AEC's NRTS. The test investigated effects of an aerospace reactor falling into the ocean. The reactor shut itself down without hazard to the public or NRTS personnel.		
6. Name and telephone number of person completing form:  Burton R Baldwin (208) 525-0203	7. Organization:  Lockheed Idaho Technologies Co.	8. Date:  March 15, 1995

☐ Check here if a copy of the document is being sent to Headquarters.

## HUMAN RADIATION EXPERIMENTS

## RECORDS PROVENANCE FORM

REPOSITORY NAME	INEL
COLLECTION NAME	SYSTEM FOR NUCLEAR AUXILIARY POWER TRANSIENT (SNAPTRAN)
BOX NUMBER	INEL BOX NO. D-10419 FRC AGENCY BOX NO. 1 FRC NO. 934971 ACCESSION NO. 434 85 0067
ADDITIONAL LOCATION INFORMATION	THE BOX IS STORED AT THE FEDERAL RECORDS CENTER IN SEATTLE, WA. INEL RECORD STORAGE RECEIPT NUMBER IS D-1709
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DOCUMENT TITLE: INFORMATION FOR PRESS AND RADIO: AEROSPACE REACTOR TESTED AT  
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REPOSITORY INEL

U. S. ATOMIC ENERGY COMMISSION

Idaho Operations Office

Idaho Falls, Idaho

MISSION SNAPTRAN

D-10419 FEL-1 934971

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4-2-1-5-56 SNAPTRAN-3

FOLDER Press Release #64-8  
FOR RELEASE

INFORMATION FOR PRESS AND RADIO

No. 64-8 (General)

Telephone JA 2-6640, Extension 217

AEROSPACE REACTOR TESTED AT IDAHO

IDAHO FALLS, IDAHO -- A planned nuclear excursion at the Atomic Energy Commission's National Reactor Testing Station in Idaho, today resulted, as expected, in damage to the core of an aerospace nuclear reactor while it was immersed in water. The extent of the damage and other results of the experiment will not be known until after the test data are analyzed.

Heat from the nuclear reaction, causing steam pressures and/or a metal-water chemical reaction, ejected water from the test tank to a height of \_\_\_\_\_ feet.

The test was the first planned to investigate the effects of accidents that could occur to an aerospace reactor if it should fall into water before or during its launch into space.

No hazard to site employees or to the public resulted from the test. It was conducted as part of a continuing AEC program to obtain data for assessing the safety of nuclear-powered space devices being developed as part of the AEC's SNAP (Systems for Nuclear Auxiliary Power) program.

A SNAP-10A type of reactor was involved in the test, designated SNAPTRAN-3 (SNAP-Transient), at the Initial Engineering Test facility.

Careful selection of weather conditions and an extensive radiological safety monitoring system guided test planning.

The SNAPTRAN program is conducted for the Atomic Energy Commission by the Atomic Energy Division of Phillips Petroleum Company, a principal AEC contractor for nuclear safety testing. Atomics International is the AEC's prime contractor for design and construction of the SNAP-10A reactor systems. Edgerton, Germeshausen & Grier, Las Vegas, Nevada, participated in the technical photographic coverage of the experiment.

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